

PROGRAM TITLE: PNEUMATIC CONVEYING

OBJECTIVE: Develop basic engineering design data on the pneumatic transport of various tobaccos and evaluate the effects of numerous pneumatic conveying parameters on material degradation.

PROGRAM APPROACH AND TIMING:

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| A. Complete evaluation of basic conveying performance and breakage studies on ET.              | 1st Qtr.     |
| B. Install positive displacement blower for evaluation of dense phase, low velocity conveying. | 1st-2nd Qtr. |
| C. Study conveying and breakage performance of cut filler.                                     | 2nd-4th Qtr. |
| D. Continue basic evaluation and interpretation of sieve test procedure.                       | 1st-3rd Qtr. |
| E. Make recommendations to Manufacturing regarding preferred applications.                     | 1st-4th Qtr. |

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